



The Environment –Year 2

Previous learning:

In Year 2, you compared how suitable different everyday materials are for a particular use. In Year 2, you explored the differences between things that are alive, dead and never been alive. You described the basic needs of animals, including humans, to be able to survive.

Renewable power sources can be replaced. This means they will never run out. Solar power, wind power, geothermal power, biomass and wave power are all renewable power sources.



Wind turbines turn energy from the wind into electricity.



Solar panels turn the energy from sunshine into electricity.



The energy from heat deep underground can be turned into electricity. This is geothermal energy.

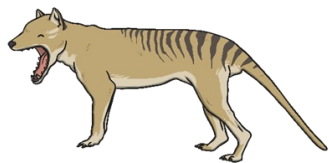


Biomass means natural energy. It is burned to create energy.

Non-renewable power sources such as coal, oil and gas cannot be replaced once they have been used. Scientists believe these are running out.



Some animals are thought to be endangered which means they are at risk of disappearing forever. When an animal is extinct, it cannot be brought back. Extinct animals include the Dodo and Tasmanian Tiger.



Reduce: Minimise the amount of waste.

Reuse: Use items more than once.

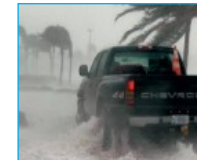
Recycle: Putting an item to a new use instead of throwing it away.

Key vocabulary	Definitions
environment	Our planet provides everything that we and all living things need.
climate	This is the average weather conditions over many years.
climate change	This is a change in the overall weather and temperature on Earth.
atmosphere	The layer of gas surrounding the Earth.
greenhouse gas	They are a special type of gas which let through sunlight, but stop heat from escaping.
endangered	Scientists think that a type of animal or plant is
extinct	It means there are none of that type of animal

Climate change has had significant effects the Earth. Some of the effects of climate change are:



floods



storms



droughts

melting sea ice



Future learning:

In Year 4, you will look at changes to the environment and how these can pose danger to living things.